



COMMONWEALTH of VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL QUALITY

Permit No. VA0088102  
Effective Date: January 1, 2015  
Administrative Authorization Date: XX XX, 2016  
Expiration Date: December 31, 2019

ADMINISTRATIVE AUTHORIZATION TO PRODUCE OR DISTRIBUTE RECLAIMED WATER UNDER  
THE WATER RECLAMATION AND REUSE REGULATION ATTENDING AN AUTHORIZATION TO  
DISCHARGE UNDER THE VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM AND THE  
VIRGINIA STATE WATER CONTROL LAW

In compliance with the provisions of the Water Reclamation and Reuse Regulation (9VAC25-740-10 et seq.), the following permittee is administratively authorized to produce or distribute reclaimed water in accordance with the information contained in the permit application, the Water Reclamation and Reuse Addendum to an Application, this administrative authorization cover page, and the standards and conditions as set forth herein.

This administrative authorization shall remain in effect until expiration of the above permit for the discharge, at which time the standards and conditions of the administrative authorization shall be incorporated into the permit or eliminated.

Permittee:	Hampton Roads Sanitation District
Facility Name:	King William Sewage Treatment Plant
County:	King William
Facility Location:	542 Acquinton Church Road King William, VA 23086

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Planning and VPDES Permit Manager, Piedmont Regional Office

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Date

**A. RECLAIMED WATER STANDARDS AND MONITORING REQUIREMENTS****Level 1 Reclaimed Water:**

1. During the period beginning with the effective date of the administrative authorization for the reclamation system and ending with the permit expiration date, the permittee is required to monitor pollutants in the reclaimed water (Outfall 650) as described below for approved reuses specified in the Reclaimed Water Management Plan:

Parameters	Standard <sup>(a)</sup>	Units	Frequency	Sample Type
001 Reclamation System Flow <sup>(b)</sup>	Monthly average: NL	MGD	Continuous	TIRE
	Monthly maximum: NL			
Influent Flow <sup>(i)</sup>	Monthly average: NL	MGD	Continuous	TIRE <sup>(j)</sup>
	Monthly maximum: NL			
002 pH <sup>(c)</sup>	6.0 – 9.0	Standard Units	Daily	Grab
120 <i>E. coli</i> <sup>(d)</sup>	Monthly Geometric mean <sup>(e)</sup> : ≤ 11	Colonies/100 mL	4 Days per Week <sup>(f)</sup>	Grab
	CAT: > 35			
159 cBOD <sub>5</sub>	Monthly average: ≤ 8.0	mg/L	1 per Week	24 HC
798 Turbidity <sup>(g)</sup>	Daily average <sup>(h)</sup> : ≤ 2.0	NTU	Continuous	Recorded
	CAT: > 5.0			

CAT = corrective action threshold

MGD = million gallons per day

24 HC = 24 hour composite sample

NL = no limitation is established. Monitoring and reporting, however, are required.

NTU = nephelometric turbidity unit

TIRE = totalizing, indicating, and recording equipment

- With the exception of turbidity, standards must be met at the point of compliance (POC) designated as internal Outfall No. 650. The POC for turbidity shall be just upstream of disinfection, and as specified in the approved operations and maintenance manual of the reclamation system.
- The designated design capacity for the reclamation system is 0.035 MGD.
- A properly calibrated pH meter shall be used for all pH analyses of reclaimed water.
- After disinfection. See Part B.8 for additional information regarding *E. coli* bacteria monitoring requirements.
- For the purpose of calculating the geometric mean, bacterial analytical results below the detection level of the analytical method used shall be reported as values equal to the detection level.
- For reclamation systems treating municipal wastewater, bacterial samples shall be collected between 10:00 a.m. and 4:00 p.m. to coincide with peak flows to the reclamation system.
- Turbidity analysis shall be performed by a continuous, on-line turbidity meter equipped with an automated data logging or recording device

and an alarm to notify the operator when the CAT for turbidity in the standard for Level 1 has been reached. Compliance with the average turbidity standard shall be determined daily, based on the arithmetic mean of hourly or more frequent discrete measurements recorded during a 24-hour period. See Part B.7 for additional information regarding turbidity monitoring.

- h. Daily average is the arithmetic mean of hourly or more frequent discrete turbidity measurements recorded during a 24-hour period.
  - i. The design capacity of the wastewater treatment works that will divert source water or effluent to the reclamation system is 0.1 MGD.
  - j. Influent flow shall be monitored at the head of the wastewater treatment works that will divert source water or effluent to the reclamation system.
2. Results for the above parameters shall be included in the monthly monitoring report submitted to the DEQ Piedmont Regional Office by the 10th of each month for the preceding month's performance.

**B. SPECIAL CONDITIONS**

**1. Prohibitions**

The following are prohibited:

- a. Direct potable reuse;
- b. The reuse of reclaimed water distributed to single-family or multi-family dwellings, except for reuses of reclaimed water outside of and on the same property as one-family or two-family dwellings where the reclaimed water is not distributed to such reuses by way of the plumbing within the dwelling;
- c. The reuse of reclaimed water to fill residential swimming pools, hot tubs or wading pools;
- d. The reuse of reclaimed water for food preparation or incorporation as an ingredient into food or beverage for human consumption;
- e. Bypass of untreated or partially treated wastewater from the reclamation system or any intermediate unit process to the point of reuse unless the bypass complies with standards and requirements specified in this authorization and is for essential maintenance to assure efficient operation;
- f. The return of reclaimed water to the reclaimed water distribution system after the reclaimed water has been delivered to an end user; and
- g. Reduction of the discharge from a VPDES permitted treatment works due to diversion of source water flow for reclamation and reuse such that the physical, chemical, or biological properties of the receiving state waters are affected in a manner that would cause a significant adverse impact to other beneficial uses.

**2. Nuisance Conditions**

There shall be no nuisance conditions (e.g., ponded water that attracts mosquitoes or other vectors; strong odors that the Department determines are the subject of frequent and wide spread complaints from the surrounding community; any condition determined by a court of law to be a nuisance condition) resulting from the distribution, use or storage of reclaimed water.

**3. Reopener**

The Board may modify or revoke and reissue this authorization if any applicable standards or requirements for water reclamation and reuse promulgated under State Water Control Law or regulations promulgated there under, including the Water Reclamation and Reuse Regulation (9VAC25-740), are more stringent than or are in addition to any standards or requirements for water reclamation and reuse contained in this authorization.

**4. Stream Gauge Installation**

For the monitoring of downstream impacts and water supply availability during the reclaimed water diversion to the end user, the permittee shall install a stream discharge gauging station downgradient of the King William STP, and upgradient of Pampatike Hill Farm's surface water intake at a representative stream flow location. The permittee should submit the proposed location for the installation of the stream gauge to DEQ for review and approval. The stream discharge gauging station shall be installed within 180 days of the effective date of this administrative authorization.

**5. Reuse Diversion Monitoring and Restrictions**

The permittee shall conduct daily monitoring of stream flow at the stream discharge gauging station. The diversion of the reclaimed water to the end user shall be prohibited whenever the sum of the previous day's estimated stream flow at the stream discharge gauging station and the diverted reclaimed water flow falls below 0.060 MGD (or 0.093 cfs), which is twice the maximum reported withdrawal from the downstream intake at

Pampatike Hill Farm. Any interruption of reclaimed water diversion shall be reported to DEQ as described in part B.24 of this authorization.

**6. Monitoring Requirement**

Discharge of reclaimed water from the reclamation system to a reclaimed water distribution system, a non-system storage facility or directly to a reuse of the reclaimed water at any time for any duration within a monthly reporting period, shall require monitoring in accordance with Part III.A and submittal of a monthly monitoring report for the discharge.

**7. Turbidity CAT**

Should reclaimed water reach the corrective action threshold (CAT) for turbidity specified in Part I.A of this authorization, the operator of the reclamation system shall immediately initiate a review of treatment operations and data to identify the cause of the CAT monitoring results to bring the reclaimed water back into compliance with the standards. Resampling or diversion shall occur within one hour of first reaching the CAT. Procedures for resampling, operational review and diversion shall be as described in the approved operations and maintenance manual for the reclamation system. If subsequent monitoring results of the resamples collected within one hour of the first CAT monitoring results for turbidity continue to reach the CAT, the reclaimed water shall be considered substandard or reject water and shall be diverted to storage for subsequent additional treatment or retreatment. If the reclamation system is unattended, the diversion of reject water shall be initiated and performed with automatic equipment. There shall be no automatic restarts of distribution to reuse until the treatment problem is corrected. Failure to divert the substandard or reject water after one hour of CAT monitoring results shall be considered a violation of this permit. Upon resuming discharge of reclaimed water to the reclaimed water distribution system for which the CAT was reached, resampling for turbidity, as applicable, shall occur within one hour to verify proper treatment.

**8. *E. coli* CAT**

Should the reclaimed water reach the CAT for *E. coli* specified in Part I.A of this permit for Level 1 reclaimed water, the operator of the reclamation system shall immediately initiate a review of treatment operations and data to identify the cause of the CAT monitoring results to bring the reclaimed water back into compliance with the bacterial standards. Procedures for operational review shall be as described in the approved operations and maintenance manual for the reclamation system. Two consecutive bacterial monitoring results that reach the CAT of the standards shall be considered a violation of this authorization.

**9. CAT Noncompliance Requirements**

Failure to resample after determination that monitoring results are not in compliance with the CAT standards for reclaimed water in Part I.A, or to divert or discharge substandard or reject water in accordance with Part B.7 shall be deemed a violation of this authorization.

**10. Turbidity Meter and Disinfection Monitoring Equipment Repair**

Should the on-line turbidity meter for the reclamation system go out of service for either planned or unplanned repair, samples shall be manually collected for turbidity or disinfectant analysis, respectively, at intervals no greater than four hours in duration, up to a maximum of five days. Following the period of repair (not to exceed five days), continuous, on-line turbidity metering and disinfectant monitoring shall resume.

**11. Operator Requirements**

The classification of the operator for the reclamation system is 3. The permittee shall employ or contract at least one operator who holds a current Class 3 license and the license shall be issued in accordance with Title 54.1 of the Code of Virginia and the regulations of the Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals. The permittee shall notify the DEQ Piedmont Regional

Office in writing when compliance with this requirement is not being achieved or it is anticipated that compliance with this requirement will not be achieved. The notification shall include a statement of reasons and a prompt schedule for achieving compliance.

**12. UV Radiation Requirements**

Where ultraviolet (UV) radiation will be used in lieu of chlorination for disinfection of reclaimed water produced by the reclamation system, the UV design dosage shall be greater than or equal to 100,000 uWsec/cm<sup>2</sup> (MS-2 dose) at peak flow and a minimum transmittance of 55 % at 254 nm.

**13. O&M Manual**

Within 90 days of placing the new reclamation system into operation, the permittee shall submit to the DEQ Regional Office changes to the operations and maintenance (O&M) manual for the King William STP addressing the operation and maintenance of the reclamation system. These changes shall reflect the practices and procedures followed by the permittee to ensure compliance with this authorization. Upon approval, these changes to the O&M manual shall be incorporated into the existing document and be an enforceable part of the permit.

The O&M manual shall be maintained on site at the King William STP and reclamation system and shall, at a minimum, contain the following related to the operations and maintenance of the reclamation system:

- (1) A map of the distribution system, a description of all components within the distribution system, and step-by-step instructions for the operation of specific mechanical components;
- (2) Routine and unplanned inspection of the distribution system, including required inspections for the cross-connection and backflow prevention program contained in the approved RWM Plan;
- (3) Routine maintenance and schedules of maintenance for each unit treatment process in the system. Maintenance shall include, but is not be limited to, initial and routine flushing of the distribution system, measures to prevent or minimize corrosion, fouling and clogging of distribution lines; and detection and repair of broken distribution lines, flow meters or pumping equipment;
- (4) Procedures to:
  - (a) establish and monitor the operational dose of the UV disinfection system for the reclamation system.
  - (b) Prevent the discharge of reclaimed or flush water from maintenance of the distribution system to storm drains, to state waters unless otherwise authorized by the DEQ, and to sanitary sewers unless allowed under local sewer use ordinances and authorized by the DEQ; and
  - (c) Collect and, as applicable, retreat reclaimed water or treat flush water from distribution system maintenance activities for a subsequent reuse or use approved by the DEQ.
- (5) The criteria and equipment used to make continuous determinations of the acceptability of the reclaimed water being produced and alarm set points for parameters measured by continuous on-line monitoring equipment;
- (6) Descriptions of the following that shall comply with the standards and conditions of this authorization:
  - (a) Reclaimed water sampling and monitoring procedures and equipment. This

shall include, but is not limited to, a description of sample handling, preservation and chemical analyses; and calibration and schedules of calibration for monitoring equipment;

- (b) The sampling location for the point of compliance; and
  - (c) Control system, alarm functions, record keeping and reports;
- (7) Hours of reclamation system operation, hours that the system will be staffed, procedures to be followed by the staff during a period when a licensed operator in responsible charge is not present at the system, and training of the staff regarding operation and maintenance of the system;
  - (8) The physical steps and procedures to be followed by the operator when substandard water is being produced, including resampling and operational review required in accordance with Part B.7 and 8 of this authorization;
  - (9) The physical steps and procedures to be followed by the operator when the treatment works returns to normal operation and acceptable quality reclaimed water is again being produced;
  - (10) Responsible officials and their duties, roles and contact information;
  - (11) Information necessary for the proper management of sludge and residuals from reclamation treatment.
  - (12) A contingency plan to eliminate or minimize the potential to deliver untreated or inadequately treated water that does not comply with applicable standards contained in Part I.A of this authorization from the reclamation system to reuse areas. The plan shall, among other things:
    - (a) Identify positions responsible for implementing the contingency plan and their contact information;
    - (b) Reference and be coordinated with the education and notification program contained in the approved Reclaimed Water Management (RWM) Plan for any release of untreated or inadequately treated water to the reclaimed water distribution system;
    - (c) Describe for the UV disinfection system, action to be taken in response to:
      - (i) Lamp breakage and possibly mercury release;
      - (ii) Alarms for specific operating conditions of the system (e.g., low operational UV dose, low UV transmittance, high turbidity or low flow);
      - (iii) Failure of the upstream treatment processes or the UV disinfection system; and
      - (iv) Power supply interruptions where an uninterruptable power supply is not provided for the UV disinfection system.
    - (d) Describe activation of standby UV equipment to include either a standby reactor for each reactor train or a standby reactor train, or activation of an alternative to standby UV equipment, such as adequate storage or other contingency arrangements, that shall manage the substandard water flow during UV disinfection failure.
  - (13) Location of back up or replacement parts critical to the operation of unit treatment processes within the reclamation system;
  - (14) A list of chemicals and materials in storage areas and the location of storage

areas;

- (15) A procedure for monitoring and maintaining liner integrity in the emergency reject water storage basin.
- (16) A plan for inactivation or closure of the reclamation system specifying what steps will be taken to protect the environment and public health. Inactivation or closure may include, but is not limited to, replacement through expansion or upgrade, or permanent closure of the existing system. At a minimum, the plan shall contain the following:
  - (a) A list and characterization (i.e., volume, percent solids, nutrient content, etc.) of residual reclaimed or reject water, solids and waste products that are anticipated to be present at the reclamation system site upon inactivation or closure; and a description of treatment, removal and final disposition of the same; and
  - (b) Supplemental information. Within 90 days of initiating any activities to inactivate or close the reclamation system, the permittee shall submit to the DEQ Piedmont Regional Office for approval the following information to supplement the previously approved plan:
    - (i) Verification of elimination of sources of wastewater and/or an alternate treatment scheme;
    - (ii) A description of removal, demolition and/or disposal of structures, equipment, piping and appurtenances;
    - (iii) A description of site fill material, grading, and erosion and sediment control;
    - (iv) A description of access control during inactivation or closure;
    - (v) Proposed land use (post closure) of the site;
    - (vi) Proposed dates for beginning and completing the work; and
    - (vii) Any new or additional information that modifies procedures or information provided in the previously approved inactivation or closure plan.

#### **14. Distribution System Requirements**

The reclaimed water distribution system shall be maintained to minimize losses, ensure safe and reliable conveyance of reclaimed water, such that the reclaimed water in the distribution system will not be degraded to a quality that violates the standards in Part I.A of this permit for the intended reuses of the reclaimed water specified in the approved RWM plan.

#### **15. Design Requirements**

The reclamation system, reclaimed water distribution system, and reclaimed and reject water storage facility authorized by this permit shall be designed in accordance with criteria of the Water Reclamation and Reuse Regulation (9VAC25-740).

#### **16. Storage Inventory Requirements**

A current inventory of reject water storage, system storage and non-system storage facilities located within the service area of the approved RWM plan shall be maintained. For the addition of storage facilities to the inventory after the effective date of the authorization, the permittee shall submit to the DEQ Piedmont Regional Office an amended inventory at least 30 days before reclaimed water will be introduced into the newly added storage facilities. An inventory of reject water storage, system storage and non-system storage facilities shall include the following:

- a. Name or identifier for each storage facility,



- b. Location of each storage facility (including latitude and longitude at the center of the storage facility, to the nearest second),
- c. Function of each storage facility (i.e., reject water storage, system storage or non-system storage),
- d. Type of each storage facility (i.e., covered tank, uncovered tank, lined pond, unlined pond, etc.), and
- e. Location (latitude and longitude, to the nearest second) and distance of the nearest potable water supply well and spring, and public water supply intake, to each storage facility within 450 feet of that facility.

**17. Preliminary Engineering Report**

A preliminary engineering report (PER) shall be submitted for new reclamation system, satellite reclamation system or reclaimed water distribution system projects; or for the modification or expansion of the same facilities where they already exist. At the request of the permittee, the DEQ Piedmont Regional Office may waive the need for a preliminary engineering report or portions of a preliminary engineering report for modification or expansion of an existing reclamation system, satellite reclamation system or reclaimed water distributions system based on the scope of the proposed project.

**18. CTC/CTO**

The permittee shall not cause or allow the construction, expansion or modification of the reclamation system except in compliance with a certificate to construct (CTC) and shall not cause or allow the operation of the same facility except in compliance with a certificate to operate (CTO) issued by DEQ Piedmont Regional Office.

**19. Public Access Control**

There shall be no uncontrolled public access to the reclamation system.

**20. Reuse Area Advisory Signs**

For all reuses of reclaimed water treated to Level 1, advisory signs or placards shall be posted within and at the boundaries of reuse areas. Each sign shall:

- a. State the nature of the reuse;
- b. State, at a minimum, "CAUTION: RECLAIMED WATER – DO NOT DRINK"; and
- c. Display the equivalent standard international symbol for non potable water.

The size of the sign or placard and lettering used shall be such that it can be easily read by a person with normal vision at a distance of 50 feet. Alternate signage and wording that assures an equivalent degree of public notification and protection may be accepted upon approval by the DEQ Piedmont Regional Office.

**21. Industrial Reusers Advisory Signs**

For industrial reuses, advisory signs shall be posted around those areas of the industrial site where reclaimed water is used and at the main entrances to the industrial site to notify employees and the visiting public of the reclaimed water reuse. Access control beyond what is normally provided by the industry is not required. Each advisory sign shall meet the specifications described in Part B.19.

**22. Distribution System Identification**

All above-ground portions of the reclaimed water distribution system authorized by this permit, including reclaimed water valves, outlets (including fire hydrants) and other appurtenances, shall be color coded, taped, labeled, tagged or otherwise marked to notify the public and employees that the source of the water is reclaimed water, not intended for drinking or food preparation.

**23. Treatment Failure Notifications**

The permittee covered by this authorization shall provide the following notifications to end

users and, as applicable, the affected public:

a. Discharges of noncompliant reclaimed water.

- (1) Where treatment of the reclaimed water fails more than once during a seven-day period to comply with Level 1 disinfection standards contained in Part I.A. of this authorization, and the non-compliant reclaimed water has been discharged directly to reuses of end users, the permittee shall immediately notify end users of the treatment failures in accordance with the education and notification program of the approved RWM plan. The permittee shall also advise end users of precautions to be taken to protect public health when using the reclaimed water in areas accessible to the public or where human contact with the reclaimed water is likely. These precautions shall be implemented for seven days or more, when the frequency and/or magnitude of the treatment failure warrants extending the precautions to protect public health.
- (2) Where the reclaimed water distribution system fails to maintain the quality of reclaimed water that it receives from the reclamation system, such that the reclaimed water no longer complies with Level 1 disinfection standards contained in Part I.A of this authorization, and the noncompliant reclaimed water has been discharged by the distribution system directly to reuses of end users, the permittee shall immediately notify end users of the noncompliant reclaimed water discharge and precautions as described in part a.(1) of this condition.

b. Loss of reclaimed water service.

- (1) Where reclaimed water service to end users will be lost or interrupted due to planned causes, such as, but not limited to, scheduled maintenance or repairs, the permittee shall provide advance notice to end users of the anticipated date and duration of the interrupted service in accordance with the permittee's approved Education and Notification program.
- (2) Where reclaimed water service to end users is lost or disrupted due to unplanned causes, such as, but not limited to, an upset at the reclamation system or a break in a reclaimed water distribution main, the permittee shall notify end users and the affected public of the disrupted service if it cannot or will not be restored within eight hours of discovery.

The permittee shall also describe and report all notifications of end users and, as applicable, the affected public for causes described above in accordance with Part B.24 and B.28

**24. Addition of End Users Notification**

For the addition of new end users or new reuses not contained in the most current approved RWM plan, the permittee shall submit to the DEQ Piedmont Regional Office for approval an amendment to the RWM plan identifying new end users or new reuses prior to connection and reclaimed water service to these users or initiating the new reuses. For each new end user or new reuse, the permittee shall also provide all applicable information required by the Water Reclamation and Reuse Application Addendum. Should the addition of new end users or new reuses to the RWM plan require the incorporation of additional or different reclaimed water standards, monitoring requirements or special conditions into this authorization, or modification of the authorization, may be necessary to authorize distribution of reclaimed water to the new end users or to authorize the new reuses.

**25. Reporting Interruption/Loss of Reclaimed Water**

For each interruption or loss of reclaimed water supply or service to end users, the permittee shall report to the DEQ Piedmont Regional Office in writing the following information by the 10<sup>th</sup> of the month following the month in which the interruption or loss of reclaimed water supply or service occurs:

- a. The service area affected by the incident;
- b. The initial date and time and duration of the incident;
- c. The cause of the incident and whether the cause was planned or unplanned; and
- d. A description of steps taken to correct and to prevent recurrence of the incident.

This report shall also contain a description of any notification provided in accordance with the education and notification program of the approved RWM Plan.

**26. Records Retention**

In addition to records specified in Part II.B of the VPDES permit associated with this authorization, the permittee shall maintain the following at the reclamation system for the period specified in Part II.B:

- a. Water reclamation and reuse operating records to include all analyses required for reclaimed water in Part I.A of this administrative authorization, records of operational problems, alarm failures, unit process and equipment breakdowns, diversions to reject storage or emergency storage, discharge to another permitted reuse system requiring a lower level of treatment, or disposal via a permitted effluent discharge; and all corrective or preventive action taken.
- b. A monthly summary of the operating records specified in a. of this condition.

**27. Annual Report**

The permittee shall submit an annual report for the reclaimed water distribution system covering a 12-month period from January 1 through December 31 to the DEQ Piedmont Regional Office on or before February 10 of the following year. The annual report shall, at a minimum, include:

- a. The estimated volume of reclaimed water distributed to the service area of the RWM plan, reported as monthly totals.
- b. A summary of ongoing education and notification program activities. The summary shall include, at a minimum:
  - (1) Copies of educational materials; and
  - (2) The number and duration of notifications to end users per month for the following causes:
    - (i) Discharges of noncompliant reclaimed water to reuses of end users;
    - (ii) Planned disruption of reclaimed water service to end users; and
    - (iii) Unplanned disruption of reclaimed water service to end users.

**28. Reclaimed Water Management Plan**

For the addition of new end users or new reuses not contained in the most current approved RWM plan, the permittee shall submit to the DEQ Piedmont Regional Office for approval an amendment to the RWM plan identifying the new end users or new reuses prior to connection and reclaimed water service to these users or initiating the new reuses. For each new end user or new reuse, the permittee shall also provide all applicable information required by the Water Reclamation and Reuse Application Addendum. Should the addition of new end users or new reuses to the RWM plan require the incorporation of additional or different reclaimed water standards, monitoring requirements or special conditions in this authorization, modification of the authorization may be necessary to approve distribution of reclaimed water to the new end users or to approve the new reuses.

**29. Notification of Untreated or Partially Treated Discharge**

Each discharge of any untreated or partially treated water to the service area of intended reuse that fails to comply with reclaimed water standards contained in Part I.A of this

authorization shall be reported by the permittee to the DEQ Piedmont Regional Office as a noncompliance in accordance with Part II.I of the VPDES permit associated with this authorization. This report shall also contain a description of any notification provided in accordance with the education and notification program of the approved RWM Plan.

**30. Leak and Main Break Reporting**

All leaks and main breaks of the reclaimed water distribution system shall be reported by the permittee upon discovery as follows:

- a. Where the leak or main break discharges or causes or allows a discharge of reclaimed water that may reasonably be expected to enter State waters, the incident shall be reported by the permittee to the DEQ Piedmont Regional Office as an unauthorized discharge in accordance with this authorization.
- b. Where the leak or main break does not discharge or cause or allow a discharge of reclaimed water that may reasonably be expected to reach State water, but may adversely affect State waters or may endanger public health, the incident shall be reported by the permittee to the DEQ Piedmont Regional Office as a noncompliance in accordance with this authorization.

**31. Contract or Service Agreement Requirement**

The permittee shall not distribute reclaimed water to any end user that is other than the permittee without an effective service agreement or contract established between the permittee and the end user. Through the terms and conditions of the service agreement or contract, the permittee shall be responsible for monitoring the end user as described in the permittee's approved Reclaimed Water Management plan, and inspecting the end user's reclaimed water reuses and storage facilities.

Any revisions to existing service agreements or contracts necessary to comply with this condition shall be made and submitted to the DEQ Piedmont Regional Office within 180 days of the effective date of this permit for written approval.